

AN/SSQ-53A DIFAR (A-Size, 31 Chn, 27m/304m)

Sonobuoy

Type: Sonobuoy

Weight: 12.0 kg

Length: 1.0 m

Span: 0.0 m

Length: 1.0 m

Diameter: 0.0

Generation: None

Sensors / EW:

- AN/SSQ-53A DIFAR - Hull Sonar, Passive-Only, Sonobuoy, Passive-Only Directional Frequency Analysis and Recording (DIFAR), Max range: 7.4 km

Weapons / Loadouts:

- AN/SSQ-53A DIFAR - (A-Size, 31 Chn, 27m/304m) Sonobuoy.

OVERVIEW: The AN/SSQ-53A DIFAR (Directional Frequency Analysis and Recording) is an "A-size" passive directional sonobuoy.

DETAILS: The AN/SSQ-53A DIFAR is a passive sonobuoy that provides a magnetic bearing to the signal of interest, allowing a fix on a contact with as few as two sonobuoys. It has a directional capability in the 10 Hz-2,400 Hz range, as well as an omnidirectional hydrophone for general listening purposes. It is capable of deploying at preset depths of either 90 or 1,000 feet preset lifetimes of either 1 or 8 hours.

NOTES:

SOURCES: Friedman, Norman, and Norman Friedman. The Naval Institute Guide to World Naval Weapon Systems, 1997-1998. Annapolis, Md: Naval Institute Press, 2006, pg. 656 ; Federation Of American Scientists - "AN/SSQ-53 Directional Frequency Analysis and Recording Sonobuoy." Accessed November 21, 2014. <http://fas.org/man/dod-101/sys/ship/weaps/an-ssq-53.htm>.